INDEX TO VOLUME LVII, 1958

Activity, The Geography Notebook: A Purposeful, Katherine Montgomery and Eugenia Baxter, 41
Allen, Dwight W., Beginning A Map Study With Myth, 459
Anstey, Robert L., Arnold Guyot, Teacher of Geography, 441
Antarctica, Robert B. Monier and Herbert J. Vent, 277

Babbs, Carrie E., A Junior Geography Club Project, 147
Bacon, Phillip, Population Growth and Its Impact on Geographic Education, 111
Bahn, Catherine I., Publications of the Commission on Geography, 146
Baron, A. M., Oregon's Hood River Valley, 353
Baxter, Eugenia and Katherine Montgomery, The Geography Notebook: A Purposeful Activity, 41
Bengtson, Nels A., The Scandinavian World (A Review), 321
Berlin, Adolf Stone, 390
Brazil, Westward Migration of Coffee in, Luella N. Dambaugh, 173
Brundy, Carol, Mountains in the Sea (A Review), 150
Busy Water, Ruth Sugarman (A Review), 322

California, A Ten-Day Field Trip Course in Geography of, Lauren C. Post, 75
California's Agriculture—Some Realities, Chester F. Cole, 341
Canada, Observations in the Pioneer Fringe of Western, Burke G. Vanderhill, 431
Cities, of the Philippines, J. E. Spencer, 288
City, Longview, Washington—A Planned, Oliver H. Heintzelman, 183
Coal and Steel in Western Europe, W. H. Voskvil (A Review), 321
Coffee in Brazil, Westward Migration of, Luella N. Dambaugh, 173
Cole, Chester F., California's Agriculture Some Realities, 341
Coleson, Edward, The Elementary Social Studies: Sense and Nonsense in Integration, 196
Concept Building, Question and Answer Board Promotes Effective Geographic, Katherine Cook and Edward M. Vodicka, 468
Conservation Education in American Colleges, Stephen S. Visher (A Review), 476
Conservation, Observation, Peggy Stapleton, 257
Continental Shelves, The, Ying-Cheng Kiang, 346
Contour Lines, A Three-Dimensional Model Illustrates Reading Relief by, Peter Rodyenko, 78
Cook, Katherine, Question and Answer Board Promotes Effective Geographic Concept Building, 468
Curriculum in Geography, How Textbooks Influence the, Raymond H. Roberts, 250
Curriculum Influences Textbooks in Geography, How the, Robert N. Saveland, 242
Cullin, Florence, The World Around Us (A Review), 205
———, World Geography (A Review), 44
Cultural Geography, The Necessity of an Historical Approach to, Robert H. Fuson, 400

Dambaugh, Luella N., Westward Migration of Coffee in Brazil, 173
Dart, John O., Diversity of Urban Functions in the Tenton-Sumner Lowland, 63
de Blij, Harm Jan, Notes on the Geography of South West Africa, 333
———, The Sea Fishing Industry of South Africa, 135
Diem, Aubrey, The Economic Basis of Autonomy in the Val D'Aosta, Italy, 5
Distinguished Service Award, 1957, George Babcock Cressy Receives the, 86
Doerr, Arthur H., Oklahoma, a Guide to the Sooner State (A Review), 263
———, Statistical Abstract of Latin America for 1956 (A Review), 150

Editorial Notes and News, 46, 48, 152, 156, 208, 210, 376
Ethiopia, Contemporary, C. J. Jaenen, 31

Field Geography in Higher Education, A Program of, Benjamin Moulton, 177
Field Trip Course in Geography of California, A Ten-Day, Lauren C. Post, 75
Filmstrips in Teaching Geography at the High School Level, The Effective Use of, Mary Viola Phillips, 70
Ford, Robert N., The Federal Lands: their use and management (A Review), 375
Fuson, Robert H., The Necessity of an Historical Approach to Cultural Geography, 400

Gadsden Purchase, Geographic Bases of the, James Woodall Taylor, 402
Game, Geography Baseball, Edith M. Stryker, 261

Geographic Education, Changing Emphases in, Henry J. Warman, 219
Geographic Education, Forces Contributing to Changes in, Earl B. Shaw, 55
Geographic Education, Population Growth and Its Impact on, Phillip Bacon, 111
Geographical Publications, 43, 91, 150, 205, 212, 266, 321, 375, 424, 472, 474, 476
Geography and Planning, J. Russell Whitaker (A Review), 323
Geography Clubs, Pennsylvania, Norah E. Zink, 368
Geography Teaching, The Evaluation of, Esther Kilheffer and Henry J. Warman, 308
Geomorphology, A Different Approach to the Teaching of, Robert T. Novak, 143
Georama—An Aid in Geographical Motivation, The Daniel Jacobson, 464
Goode's World Atlas, Robert C. Kingsbury (A Review), 265
Graph Enlargement, Two Dimensional, David L. Zufelt, 416
Guyot, Teacher of Geography, Arnold, Robert L. Anstey, 441

Hassemer, Bernard G. and John N. Hoefer, State Study Thru Map Interpretation, 13
Heimonen, Henry S., Low Grade Iron Ores in the Lake Superior Region, 130
Heintzelman, Oliver H., Longview, Washington—A Planned City, 183
Highsmith, R. M., Jr., Oregon's Hood River Valley, 353
Hoefer, John N. and Bernard G. Hassemer, State Study Thru Map Interpretation, 13
Holland, Clement, Life in Europe: France (A Review), 264
Hood River Valley, Oregon's, R. M. Highsmith, Jr. and A. M. Baron, 353
Hudson Bay Railway Route: A Geographical Reconnaissance, The, E. Willard Miller, 163

India, The Areal Distribution of Manufacturing in, Pradyumna Prasad Karan, 294
Integration, The Elementary Social Studies: Sense and Nonsense in, Edward Coleson, 196
Iron Ore Producer Shows Evidence of Decline, The Mesabi Range—A Fabulous, George Langdon, 119
Iron Ores in the Lake Superior Region, Low Grade, Henry S. Heimonen, 130
Isaac, Erich, Jamestown and the Mid-Atlantic Coast: A Geographic Reconsideration, 17
Italy, The Economic Basis of Autonomy in the Val D'Aosta, Aubrey Diem, 5

Jackson, W. A. D., The Economic Factors in the Growth of Russia (A Review), 44
Jacobson, Daniel, The Georama—An Aid in Geographical Motivation, 464
Jaenen, C. J., Contemporary Ethiopia, 31
Jamestown and the Mid-Atlantic Coast: A Geographic Reconsideration, Erich Isaac, 17
Jungle Oil, Blanche Young (A Review), 206

Karan, Pradyumna Prasad, The Areal Distribution of Manufacturing in India, 294
Kiang, Ying-Chenk, The Continental Shelves, 346
Kilheffer, Esther, The Evaluation of Geography Teaching, 308
Kingsbury, Robert C., Goode's World Atlas (A Review), 265
Krause, Annemarie, Latin America, Africa, and Australia (A Review), 205
———, The United States and Canada (A Review), 205

Let's Visit Southeast Asia: Hong Kong to Malaya, Prasert Witayarut (A Review), 472
Life in Europe: France, Clement Holland (A Review), 264
Life in Europe: Italy, Sister Marion I.H.M. (A Review), 212

Magin, Irvin D., The Wilderness Road, 191
Map Interpretation, State Study Thru, John N. Hoefer and Bernard G. Hassemer, 13
Map Study With Myth, Beginning A, Dwight W. Allen, 459
Mapping Experiences in the Early Grades, Rose Sabaroff, 360
Maps in the Second Grade, Using, Rose Sabaroff, 410
Marcus, Robert B., The Status of Geography in the Teacher Education Institutions of the South, 236
Marmion I. H. M., Sister, Life in Europe: Italy (A Review), 212
McIntosh, Charles B., Diagrammatic Testing in Physical Geography, 229
Mesabi Range—A Fabulous Iron Ore Producer Shows Evidence of Decline, The, George Langdon, 119
Methods in Geography, The Seminar and Its Modifications as Teaching, Herbert Vent, 29
Mewha, Alan P., Washington State Resources (A Review), 322
Miller, E. Willard, The Hudson Bay Railway Route: A Geographical Reconnaissance, 163
Monier, Robert B., Antarctica, 277
Montgomery, Katherine and Eugenia Baxter, The Geography Notebook: A Purposeful Activity, 41
Moulton, Benjamin, A Program of Field Geography in Higher Education, 177

Mountains in the Sea, Carol Brundy (A Review), 150

National Council at Work, 86, 203, 263, 315, 371, 420, 470
North America in the Changing World, J. Wreford Watson, 381
Notebook: A Purposeful Activity, The Geography, Katherine Montgomery and Eugenia Baxter, 41
Novak, Robert T., A Different Approach to the Teaching of Geomorphology, 143

Oklahoma, A Guide to the Sooner State, Arthur H. Doerr (A Review), 263
Open House, Marian T. Vandenberg and M. Edith Trussell, 38

Philippines, the Cities of the, J. E. Spencer, 288
Phillips, Mary Viola, The Effective Use of Filmstrips in Teaching Geography at the High School Level, 70
Physical Geography, Diagrammatic Testing in, Charles B. McIntosh, 229
Population Growth and Its Impact on Geographic Education, Phillip Bacon, 111
Post, Lauren C., A Ten-Day Field Trip Course in Geography of California, 75
Pounds, Norman J. G., World Political Geography (A Review), 265
Project, A Junior Geography Club, Carrie E. Babbs, 147
"Project Method" in Geography, The Use of the, Harris M. Taylor, 418

Ramsaur, Robert T., Geography at the United States Air Force Academy, 450
Renton-Sumner Lowland, Diversity of Urban Functions in the, John O. Dart, 63
Resnick, Abraham, An Inventory of Motivating Possibilities for the Teaching of Geography, 306
Roberts, Raymond H., How Textbooks Influence the Curriculum in Geography, 250
Robertson, Ina Cullom, The Teaching of Geography (A Review), 472
———, World Geography and the World's Nation: An Economic and Regional Geography (A Review), 424
Rodyenko, Peter, A Three-Dimensional Model Illustrates Reading Relief by Contour Lines, 78

Sabaroff, Rose, Firsthand Experiences in Geography for Second Graders, 300
———, Mapping Experiences in the Early Grades, 360
———, Using Maps in the Second Grade, 410
Saveland, Robert N., How the Curriculum Influences Textbooks in Geography, 242
Second Graders, Firsthand Experiences in Geography for, Rose Sabaroff, 300
Seminar and Its Modifications as Teaching Methods in Geography, The, Herbert Vent, 29
Shaw, Earl B., Forces Contributing to Changes in Geographic Education, 55
Social Studies: Sense and Nonsense in Integration, The Elementary, Edward Coleson, 196
South Africa, The Sea Fishing Industry of, Harm, Jan de Blij, 135
South West, Africa, Notes on the Geography of, Harm Jan de Blij, 333
Spencer, J. E., The Cities of the Philippines, 288
Stapleton, Peggy, Observation Conservation, 257
State Study Thru Map Interpretation, John N. Hoefer and Bernard G. Hassemer, 13
Statistical Abstract of Latin America for 1956, Arthur H. Doerr (A Review), 150
Status of Geography in the Teacher Education Institutions of the South, The, Robert B. Marcus, 236
Stone, Adolf, Berlin, 390
Stryker, Edith, M., Geography Baseball Game, 261
Sugarman, Ruth, Busy Water (A Review), 322

Taylor, Harris M., The Use of the "Project Method" in Geography, 418
Taylor, James Woodall, Geographic Bases of the Gadsden Purchase, 402
Teaching of Geography, An Inventory of Motivating Possibilities for the, Abraham Resnick, 306
Teaching of Geomorphology, A Different Approach to the, Robert T. Novak, 143
Teacher Education Institutions of the South, The Status of Geography in the, Robert B. Marcus, 236
Testing in Physical Geography, Diagrammatic, Charles B. McIntosh, 229
Textbooks in Geography, How the Curriculum Influences, Robert N. Saveland, 242
Textbooks Influence the Curriculum in Geography, How, Raymond H. Roberts, 250
The Economic Factors in the Growth of Russia, W. A. D. Jackson (A Review), 44
The Federal Lands: their use and management, Robert N. Ford (A Review), 375
The Geography of Air Transport, Clarence L. Vinge (A Review), 474
The Pattern of Asia, Yi-Fu Tuan (A Review), 323
The Scandinavian World, Nels A. Bengston (A Review), 321
The Teaching of Geography, Ina Cullom Robertson (A Review), 472

The United States and Canada, Anne Marie Krause (A Review), 205
The World Around Us, Florence Cullin (A Review), 205
The World's Nation: An Economic and Regional Geography, Ina Cullom Robertson (A Review), 424
Thomas, Benjamin E., West Africa: A Study of the Environment and of Man's Use of It (A Review), 212
Trussell, M. Edith and Marian T. Vandenberg, Open House, 38
Tuan, Yi-Fu, The Pattern of Asia (A Review), 323

Urban Functions in the Renton-Sumner Lowland, Diversity of, John O. Dart, 63
United States Air Force Academy, Geography at the, Robert T. Ramsaur, 450

Vandenberg, Marian T. and M. Edith Trussell, Open House, 38
Vanderhill, Burke G., Observations in the Pioneer Fringe of Western Canada, 431
Vent, Herbert J., Antarctica, 277
———, The Seminar and Its Modifications as Teaching Methods in Geography, 29
Visher, Stephen S., Weather Elements (A Review), 43
Visher, Stephen S., Conservation Education in American Colleges (A Review), 476
Villmow, Jack Richard, Daily Weather Maps as Illustrations of Weather Types, 454
Vinge, Clarence L., The Geography of Air Transport (A Review), 474
Vodicka, Edward M., Question and Answer Board Promotes Effective Geographic Concept Building, 468
Voskvil, W. H., Coal and Steel in Western Europe (A Review), 321

Warman, Henry J., Changing Emphases in Geographic Education, 219
———, The Evaluation of Geography Teaching, 308
Washington State Resources, Alan P. Mewha (A Review), 322
Watson, J. Wreford, North America in the Changing World, 381
Weather Elements, Stephen S. Visher (A Review), 43
Weather Maps as Illustrations of Weather Types: Part I, Daily, Jack Richard Villmow, 454
West Africa: A Study of the Environment and of Man's Use of It, Benjamin E. Thomas, 212
Whitaker, J. Russell, Geography and Planning (A Review), 323
Witayarut, Prasert, Let's Visit Southeast Asia: Hong Kong to Malaya (A Review), 472
Wilderness Road, The, Irvin D. Magin, 191
World Geography, Florence Cullin (A Review, 44
World Geography, Ina Cullom Robertson (A Review), 424
World, North America in the Changing, J. Wreford Watson, 381
World Political Geography, Norman J. G. Pounds (A Review), 265

Young, Blanche, Jungle Oil (A Review), 206

Zink, Norah E., Pennsylvania Geography Clubs, 368
Zufelt, David L., Two Dimensional Graph Enlargement, 416

THE JOURNAL OF GEOGRAPHY CONTENTS FOR VOLUME LVII, 1958

JANUARY

The Economic Basis of Autonomy in the Val D'Aosta, Italy ..... Aubrey Diem 5
State Study Thru Map Interpretation ..... John N. Hoefer and Bernard G. Hassemer 13
Jamestown and the Mid-Atlantic Coast: A Geographic Reconsideration ..... Erich Isaac 17
The Seminar and Its Modifications as Teaching Methods in Geography ..... Herbert Vent 29
Contemporary Ethiopia ..... C. J. Jaenen 31
Open House ..... Merian T. Vandenberg and M. Edith Trussell 38
The Geography Notebook: A Purposeful Activity ..... Katherine Montgomery and Eugenia Baxter 41
Geographical Publications 43
Editorial Notes and News 46

FEBRUARY

Forces Contributing to Changes in Geographic Education ..... Earl B. Shaw 55
Diversity of Urban Functions in the Renton-Sumner Lowland ..... John O. Dart 63
The Effective Use of Filmstrips in Teaching Geography at the High School Level ..... Mary Viola Phillips 70
A Ten-Day Field Trip Course in Geography of California ..... Lauren C. Post 75
A Three-Dimensional Model Illustrates Reading Relief by Contour Lines ..... Peter Rodyenko 78
Too Big for Car Games! ..... Edna Fleming 83
George Babcock Cressey Receives the Distinguished Service Award, 1957 86
National Council at Work 86
Geographical Publications 91
Geographical Publications Received 94

MARCH

Population Growth and Its Impact on Geographic Education ..... Phillip Bacon 111
The Mesabi Range—A Fabulous Iron Ore Producer Shows Evidence of Decline ..... George Langdon 119
Low Grade Iron Ores in the Lake Superior Region ..... Henry S. Heimonen 130
The Sea Fishing Industry of South Africa ..... Harm Jan de Blij 135
A Different Approach to the Teaching of Geomorphology ..... Robert T. Novak 143
Publications of the Commission of Geography—Paigh ..... Catherine I. Bahn 146
A Junior Geography Club Project ..... Carrie E. Babbs 147
Geographical Publications 150
Editorial Notes and News 152, 156

APRIL

The Hudson Bay Railway Route: A Geographical Reconnaissance ..... E. Willard Miller 163
Westward Migration of Coffee in Brazil ..... Luella N. Dambaugh 173
A Program of Field Geography in Higher Education ..... Benjamin Moulton 177
Longview, Washington—A Planned City ..... Oliver H. Heintzelman 183
The Wilderness Road ..... Irvin D. Magin 191
The Elementary Social Studies: Sense and Nonsense in Integration ..... Edward Coleson 196
National Council at Work 203
Geographical Publications 205, 212
Editorial Notes and News 208, 210

MAY

Changing Emphases in Geographic Education ..... Henry J. Warman 219
Diagrammatic Testing in Physical Geography ..... Charles B. McIntosh 229
The Status of Geography in the Teacher Education Institutions of the South... ..... Robert B. Marcus 236

How the Curriculum Influences Textbooks in Geography ...Robert N. Saveland 242
How Textbooks Influence the Curriculum in Geography ...Raymond H. Roberts 250
Observation Conservation .....Peggy Stapleton 257
Geography Baseball Game .....Edith M. Stryker 261
National Council at Work 263
Reviews 263
Geographical Materials Received 266

SEPTEMBER

Antarctica .....Robert B. Monier and Herbert J. Vent 277
The Cities of the Philippines .....J. E. Spencer 288
The Areal Distribution of Manufácturing in India .....Pradyumna Prasad Karan 294
Firsthand Experiences in Geography for Second Graders .....Rose Sabaroff 300
An Inventory of Motivating Possibilities for the Teaching of Geography .....
.....Abraham Resnick 306
The Evaluation of Geography Teaching ...Esther Kilheffer and Henry J. Warman 308
National Council at Work 315
Reviews 321

OCTOBER

Notes on the Geography of South West Africa .....Harm Jan de Blij 333
California's Agriculture—Some Realities .....Chester F. Cole 341
The Continental Shelves .....Ying-Cheng Kiang 346
Oregon's Hood River Valley .....R. M. Highsmith, Jr. and A. M. Baron 353
Mapping Experiences in the Early Grades .....Rose Sabaroff 360
Pennsylvania Geography Clubs .....Norah E. Zink 368
National Council at Work 371
Review 375
Geographical Materials Received 376

NOVEMBER

North America in the Changing World .....J. Wreford Watson 381
Berlin .....Adolf Stone 390
The Necessity of an Historical Approach to Cultural Geography .....
.....Robert H. Fuson 400
Geographic Bases of the Gadsden Purchase .....James Woodall Taylor 402
Using Maps in the Second Grade .....Rose Sabaroff 410
Two Dimensional Graph Enlargement .....David L. Zufelt 416
The Use of the "Project Method" in Geography .....Harris M. Taylor 418
National Council at Work 420
Reviews 424

DECEMBER

Observations in the Pioneer Fringe of Western Canada .....Burke G. Vanderhill 431
Arnold Guyot, Teacher of Geography .....Robert L. Anstey 441
Geography at the United States Air Force Academy .....Robert T. Ramsaur 450
Daily Weather Maps as Illustrations of Weather Types: Part I .....
.....Jack Richard Villmow 454
Beginning A Map Study With Myth .....Dwight W. Allen 459
The Georama—An Aid in Geographical Motivation .....Daniel Jacobson 464
Question and Answer Board Promotes Effective Geographic Concept Building ..
.....Katherine Cook and Edward M. Vodicka 468
National Council at Work 470
Reviews 472, 474, 476